

Oracle Financial Services Treasury Risk Application Pack

Installation Guide

Version 8.0.1.0.0

ORACLE[®]
Financial Services

DOCUMENT CONTROL

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| 1.0 | Created: December 2015 | Captured 8.0.1.0.0 Minor Release installation procedure and configuration details. |
| 2.0 | Modified: April 2017 | Added details of consolidated one-off patch 25777667. |
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Executive Summary

This document includes the necessary instructions to apply 8.0.1.0.0 Minor Release for Oracle Financial Services Treasury Risk Application Pack (OFS TR) and perform the required post install configurations. You can find the latest copy of this document in [OTN](#).

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Preface

This document provides step-by-step instructions to install the OFS Treasury Risk Application Pack 8.0.1.0.0 Minor Release.

This chapter discusses the following topics:

- [Summary](#)
- [Audience](#)
- [How this Guide is organized](#)
- [Recommended Environment](#)
- [Related Documents](#)
- [Conventions Used](#)

Summary

You can find the latest copy of this document in [OHC Documentation library](#) which includes all the recent additions/revisions (if any) done till date.

Before you begin the installation, ensure that you have access to the Oracle Support Portal with the required login credentials to quickly notify us of any issues at any stage. You can obtain the login credentials by contacting Oracle Support.

Audience

Oracle Financial Services Treasury Risk Application Pack Installation Guide is intended for administrators, and implementation consultants who are responsible for installing and maintaining the application pack components.

Prerequisites for the Audience

The document assumes that you have experience in installing Enterprise components and basic knowledge about the following is recommended.

The following are the expected preparations from the administrator before starting the actual installation:

- Oracle Financial Services Treasury Risk Application pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

How this Guide is Organized

The Oracle Financial Services Treasury Risk Application Pack Installation Guide includes the following topics:

- [OFSTR Release 8.0.1.0.0](#)
- [Appendix A](#)

Recommended Environment

Infrastructure application has been tested with Microsoft Internet Explorer™ browser. For best viewing of Infrastructure pages, set the screen resolution to a minimum resolution of 1024 x 768 pixels.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Documents

For more information, refer the OFS Treasury Risk Applications Pack 8.0.1.0.0 documents available in the [OTN](#) documentation library.

- Oracle Financial Services Liquidity Risk Management User Guide
- Oracle Financial Services Market Risk User Guide
- Oracle Financial Services Analytical Applications Infrastructure User Guide ([OTN library](#))
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide ([OTN library](#))

Conventions and Acronyms

| Conventions | Description |
|--|--|
| Actions are indicated in Bold . | |
| Command or query is indicated in <code>Courier New font</code> . | |
| AIX | Advanced Interactive eXecutive |
| OFSAAI | Oracle Financial Services Analytical Applications Infrastructure |
| OFS AAAI | Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack |
| RHEL | Red Hat Enterprise Linux |

| Conventions | Description |
|---------------|---|
| Atomic Schema | Database schema where the application data model is uploaded. |
| Config Schema | Database schema which contains setup related configurations and metadata. |

1 OFS Treasury Pack Application Pack Minor Release 8.0.1.0.0

This Minor Release of OFS TR Application Pack is cumulative and includes all enhancements and bug fixes done since the OFS TR Application Pack v8.0.0.0.0 release.

1.1 Pre Installation Requirements

- You should have OFS TR 8.0.0.0.0 installed.
- Replace the \$ATOMIC_DB with the actual ATOMIC schema names and then execute the following grants in the CONFIG Database:
 - grant select on METADATA_LOCALE_MASTER to \$ATOMIC_DB;
 - grant select on REVELEUS_MASTER to \$ATOMIC_DB;
 - grant select on REV_MAST_MAP_ITEMS to \$ATOMIC_DB;

NOTE: You can refer to [Technology Matrix](#), for Hardware and Software Requirements.

If OFS TR 8.0.1.0.0 release is being installed on an OFSAA instance where the version of platform (OFS AAI) is already upgraded to a higher release for example 8.0.2.0.0, then you need to additionally download the patch 21949795 from <https://support.oracle.com/> and follow the instructions mentioned in Readme of patch 21949795.

- Download the consolidated one-off patch 25777667 from My Oracle Support.

1.2 Pre Installation Activities

- Configuration file – Params.conf file should be updated before triggering the Installation. Params.conf file is available in the path /OFS_TR_PACK/OFS_TR/conf

Following are the input parameters for Params.conf file:

Model Upload Process: Input values required are 0/1

- **1** indicates Trigger Model Upload
- **0** indicates Skip Model upload process

If the value is **1**, then next option is to choose the option of type of Model upload

- **0** indicates Released Data Model
- **1** indicates Customized Data Model

If the value of Model upload type is **1**, then provide the inputs for Data Model name and the path of Data Model.

Note: For OFS TR 8.0.1, in Params.conf file ensure to provide UPLOAD_MODEL=0.

- In the above mentioned input parameters, for OFS TR pack, ensure to provide 0 for Model Upload. It is recommended that you do not upload the model through the installer. The Model Upload for OFS TR pack has to be done outside the installer. You can download the Erwin patch (21689379) from MOS and using Erwin tool generate an xml file.
- Ensure to truncate the data of the following tables after taking a back-up of the table data:
 - FSI_INTERCOMPANY_CASHFLOW_TXNS
 - FSI_BAU_TB_ALLOCATION_FACTOR
 - FSI_BAU_ALLOCATION_FACTOR
 - FSI_INSURANCE_COVERAGE_SEQ
- You must upload this particular xml file successfully before you begin with OFS TR pack installation.

NOTE: When merging lower version of an application with integrated data model, retain the larger size of column length.

1.3 How to Apply This Minor Release?

1.3.1 Installing OFS Treasury Risk Application Pack

Refer to the following instructions to download, extract, install, and configure this minor release.

1. Login to <https://support.oracle.com/> and search for 21032371 under the *Patches & Updates* tab.
2. Download the OFS TR Application Pack v8.0.1.0.0 archive file and copy it to your OFSAA server in **Binary** mode.

NOTE: The archive files are different for every operating system like AIX, Solaris, and RHEL/Oracle Linux.

3. Login to the server where OFSAA is installed.
4. Shut down all the OFSAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).
5. Execute the following command:

```
chmod -R 750 $FIC_HOME
```


- If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) **unzip_<os>.Z** from the location <https://updates.oracle.com/unzips/unzips.html> and copy it in **Binary** mode to the directory that is included in your PATH variable, typically **\$HOME** path or directory in which you have copied the 8.0.1.0.0 installer.

- Uncompress the unzip installer file using the command:

```
uncompress unzip_<os>.Z
```

NOTE: In case you notice an error message “**uncompress: not found [No such file or directory]**” when the package is not installed, contact your UNIX administrator.

- Give EXECUTE permission to the file using the command:

```
chmod 751 OFSTR_80100_<OperatingSystem>.zip.
```

- Extract the contents of the 8.0.1.0.0 archive file using the command:

```
unzip_<os> -a <name of the file to be unzipped>
```

NOTE: Rename or remove the existing OFSAA Application Pack folder from the OFSAA server prior to extracting the contents from the release archive (.zip). For example: For this release when extracted from the archive creates a folder with name `OFS_TR_PACK`. Rename or remove if a folder with the same name exists in the path where the release archive is copied.

NOTE: The above “-a” option is mandatory to unzip the archive file. For example:

```
unzip_aix -a OFSTR_80100_<OperatingSystem>.zip
```

- Navigate to the path `OFS_TR_PACK` and give execute permission to `OFSAIUpdate.sh` by executing the following command:

```
chmod 750 OFSAIUpdate.sh
```

- Complete the steps mentioned in section [1.2 Pre Installation Activities](#).

- Execute **OFSAIUpdate.sh** file using the following command.

```
./OFSAIUpdate.sh
```

Verify if the release is applied successfully by checking the log file generated in the installation folder. You can ignore ORA-00001, ORA-00955, ORA-02260, and ORA-01430 errors in the log file. In case of any other errors, contact Oracle Support

- Install the consolidated one-off patch 25777667. Refer to the Readme available with the patch for further instructions on installing the patch.
 - For more information on securing your OFSAA Infrastructure, refer to the Security Guide in [OTN Library](#).
-

13. After successful installation, perform the these steps:
 - Clear the application cache. Navigate to the following path depending on the configured web application server and delete the files.
 - **Tomcat:**
<Tomcat installation folder>/work/Catalina/localhost/<Application name>/org/apache/jsp
 - **Weblogic:**
<Weblogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>/qaelce/jsp_servlet
 - **Websphere:**
<Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>
 - Deploy RPD and webcat file(s)
 - Take a backup of deployed Treasury_Pack.rpd and Treasury_Pack.catalog files from the OBIEE environment.
 - Navigate to folder \$FIC_HOME/TR_BI/repository/ which contains Treasury_Pack.rpd and \$FIC_HOME/TR_BI/catalog/ which contains Treasury_Pack.catalog. Deploy both the files into OBIEE deployment area.
 - Modify connection pool and set the properties.
 - Any customizations performed on the older rpd and webcatalog files needs to be manually carried over to the newer ones post deployment.
 - Clear OBIEE cache, if enabled.

For more information on deploying RPD and webcat files, refer *Deploying the application* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).
14. Add umask 0027 in the .profile of the UNIX account which manages the WEB server to ensure restricted access permissions.
15. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the *Post Installation Configuration* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).
16. After the successful installation, restart all the OFSTR services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).

1.4 Post Installation Configuration

NOTE: Install the security patch for OFS TR from the MOS Document [2303598.1](#).

1.4.1 Configure excludeURLList.cfg file

Configure excludeURLList.cfg file, follow these steps:

1. Locate the webserver deployed area webroot/conf/excludeURLList.cfg file.
2. Modify the following entries:
 - [SQLIA]../dataIntegrator/ to [ALL]../dataIntegrator/
 - [SQLIA]../ETLExtractionServlet to [ALL]../ETLExtractionServlet
3. Save the changes and restart the webserver.
4. Resave the definition.

1.5 Transfer the Ownership of Batches to the Required User

To transfer the ownership of batches to the required User, follow these steps:

1. Login to config use.
2. Execute the Following anonymous pl/sql block to execute procedure "AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP".

```
begin
AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP
('fromUser','toUser','infodom'); end;
OR
begin AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP
('fromuser','touser'); end;
fromUser: - indicates the user who currently owns the batch,
toUser:-indicated the user to which the ownership has to be
transferred.
Infodom:- optional parameter , if specified the ownership of
batches
pertaining to that Infodom will be changed.
```

Note:

Henceforth batches are available in the Batch Maintenance window in the LRM application and the same can be edited.

Appendix A

Frequently Asked Questions

What checks does the 8.0.1.0.0 Release patch perform?

- Environment Check- As part of environment check, it performs Java validation, Environment Variables validation, OS specific validation, DB specific validation, and it shuts down all OFSAAI Services (Infrastructure Server, ICC Server, and back-end services).
- Post Install check- As part of Post install check, it checks if OFSAAI services can be successfully started.

Which version of ERwin Data Modeler does OFSAAI support?

OFSAAI now supports ERwin version 9.2 and 9.5 generated xmls in addition to ERwin 4.1, ERwin 7.1, ERwin 7.3 and ERwin 9.0 formats.

What should I do for viewing the log files in Debug level for troubleshooting?

By default, the log level is set as INFO. You need to manually change it to Debug to view the log files in debug level. Based on your requirement, you can change the log level to Warn, Error, or Fatal as well.

1. Navigate to *\$FIC_HOME/conf* in the APP layer of your OFSAAI installation.
 - Change the **priority value** to **Debug** in the *RevLog4jConfig.xml* file.

For example:

```
<root>
  <priority value ="debug" />
  <appender-ref ref="ConsoleAppender1"/>
</root>
```

- Change the value of **LOGGERLEVEL** in the *DynamicServices.xml* file from **20** to **0**. (**20** is the value for Info and **0** for Debug.)

NOTE: For multi-tier installation, you need to change the log level to Debug in the *DynamicServices.xml* and *RevLog4jConfig.xml* files, which are present in *\$FIC_APP_HOME/conf*, *\$FIC_DB_HOME/conf*, and *\$FIC_WEB_HOME/conf* as well.

2. Navigate to *\$FIC_WEB_HOME/webroot/conf* and change the **priority value** to **Debug** in the *ExportLog4jConfig.xml*, *MDBLogger.xml*, and *PR2Logger.xml* files for viewing log files in Debug level for the modules Archive/Restore, Metadata Browser and RRF respectively.
3. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the

Post Installation Configuration section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).

4. Restart the OFS TR Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).

Can I install OFSAA 8.0.0.0.0 release Application Pack on an OFSAA instance which is already upgraded to a higher version say 8.0.1.0.0?

Yes. You can install an OFSAA 8.0.0.0.0 release Application Pack on an OFSAA instance which is already upgraded to a higher version. Refer table *Installer and Installation Prerequisites* (section *Installer and Installation Prerequisites* >> Category *Others* >> Sub-Category *OFSAA*) in the [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#) for more details prior to proceeding with the installation.



OFS TR

8.0.1.0.0 Installation Guide

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